

Title (en)

Process for recycling used-up dry cells, and ferrite production process.

Title (de)

Verfahren zur Rückgewinnung von gebrauchten Trockenzellen, und Verfahren zur Herstellung von Ferrit.

Title (fr)

Procédé pour recycler des cellules sèches usagé, et procédé pour la fabrication de ferrite.

Publication

EP 0632514 A1 19950104 (EN)

Application

EP 94304779 A 19940630

Priority

- JP 18729493 A 19930630
- JP 18729593 A 19930630

Abstract (en)

Manganese dry cells sorted out of used-up dry cells are crushed and sieved to obtain a mixture composed predominantly of anodic substances, which is in turn used for ferrite production. The invention is preferable for a saving of resources and preservation of the environment, and enables ferrites on a practical-enough level to be obtained. <IMAGE>

IPC 1-7

H01M 6/52; **H01M 10/54**

IPC 8 full level

B03B 9/06 (2006.01); **H01M 6/52** (2006.01); **H01M 10/54** (2006.01)

CPC (source: EP US)

B03B 9/061 (2013.01 - EP US); **H01M 6/52** (2013.01 - EP US); **H01M 10/54** (2013.01 - EP US); **B03B 2009/066** (2013.01 - EP US); **Y02W 30/52** (2015.05 - EP US); **Y02W 30/84** (2015.05 - EP US); **Y10S 241/38** (2013.01 - EP US)

Citation (search report)

- [A] CH 676169 A5 19901214 - INDUSTRIEORIENTIERTE FORSCH
- [A] EP 0247023 A1 19871125 - VOEST ALPINE AG [AT]
- [A] US 4775107 A 19881004 - HENG RUDOLF [DE], et al
- [A] CH 681401 A5 19930315 - XATOFIM AG
- [X] DATABASE WPI Week 7949, 1979 Derwent World Patents Index; AN 79-88454B

Cited by

ITVI20110207A1; EP0761621A1; US5707541A; CN109482624A; WO0008700A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0632514 A1 19950104; **EP 0632514 B1 19970903**; DE 69405317 D1 19971009; DE 69405317 T2 19980409; US 5498360 A 19960312

DOCDB simple family (application)

EP 94304779 A 19940630; DE 69405317 T 19940630; US 26921294 A 19940630